

10/589482

WPS Rec'd PCT/PTO 15 AUG 2006 PATENT  
075-1104

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Kenichi KOMINE et al.

Conf.

Application No. **NEW NATIONAL PHASE**

Group

Filed August 15, 2006

Examiner

LACTOFERRIN POLYPEPTIDE, PROCESS FOR PRODUCING THE SAME AND  
INFLAMMATION INDUCING SUBSTANCE

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION CONCURRENT WITH THE**  
**FILING OF A NEW PATENT APPLICATION)**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 15, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☐ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

IAP6 Rec'd PCT/PTO 15 AUG 2006

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

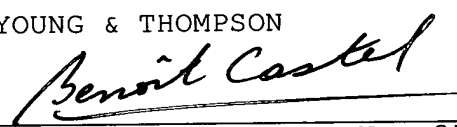
FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON

  
Benoit Castel, Reg. No. 35,041  
745 South 23<sup>rd</sup> Street  
Arlington, VA 22202  
Telephone (703) 521-2297  
Telefax (703) 685-0573  
(703) 979-4709

BC/l dw

Enclosures: ☒ Form PTO-1449(s)  
☐ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Attorney Docket No.: <b>8075-1104</b>	Application No.: <b>NEW NATIONAL PHASE</b>
	Applicant: <b>Kenichi KOMINE et al.</b>	
	Filing Date: <b>August 15, 2006</b>	Group Art Unit:

### U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)

### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Rochard, E. et al., The N-terminal domain I of human lactotransferrin binds specifically to phytohemagglutinin-stimulated peripheral blood human lymphocyte receptors., FEBS Lett., 1989, Vol.255, No.1, pages 201-204.
	Bourne Y. et al., Crystallization and preliminary X-ray diffraction study of Lathyrus ochrus isolectin II complexed to the human lactotransferrin N2 fragment. J.Mol.Biol. 1992, Vol.227, No.3, pages 938 to 941.
	Hutchens, T.W. et al., Structurally intact (78-kDa) forms of maternal lactoferrin purified from urine of preterm infants fed human milk: Identification of a trypsin-like proteolytic cleavage event in vivo that does not result in fragment dissociation., Proc.Natl.Acad.Sci.USA., 1991, Vol.88, No.8, pages 2994 to 2998
	Mead, P.E. et al., cDNA and protein sequence to bovine lactoferrin., Nucleic Acids Res. 1990, Vol.18, No.23, page 7167.

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience

ldw